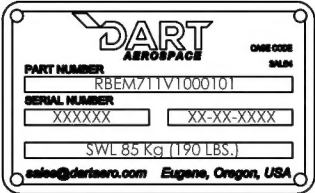
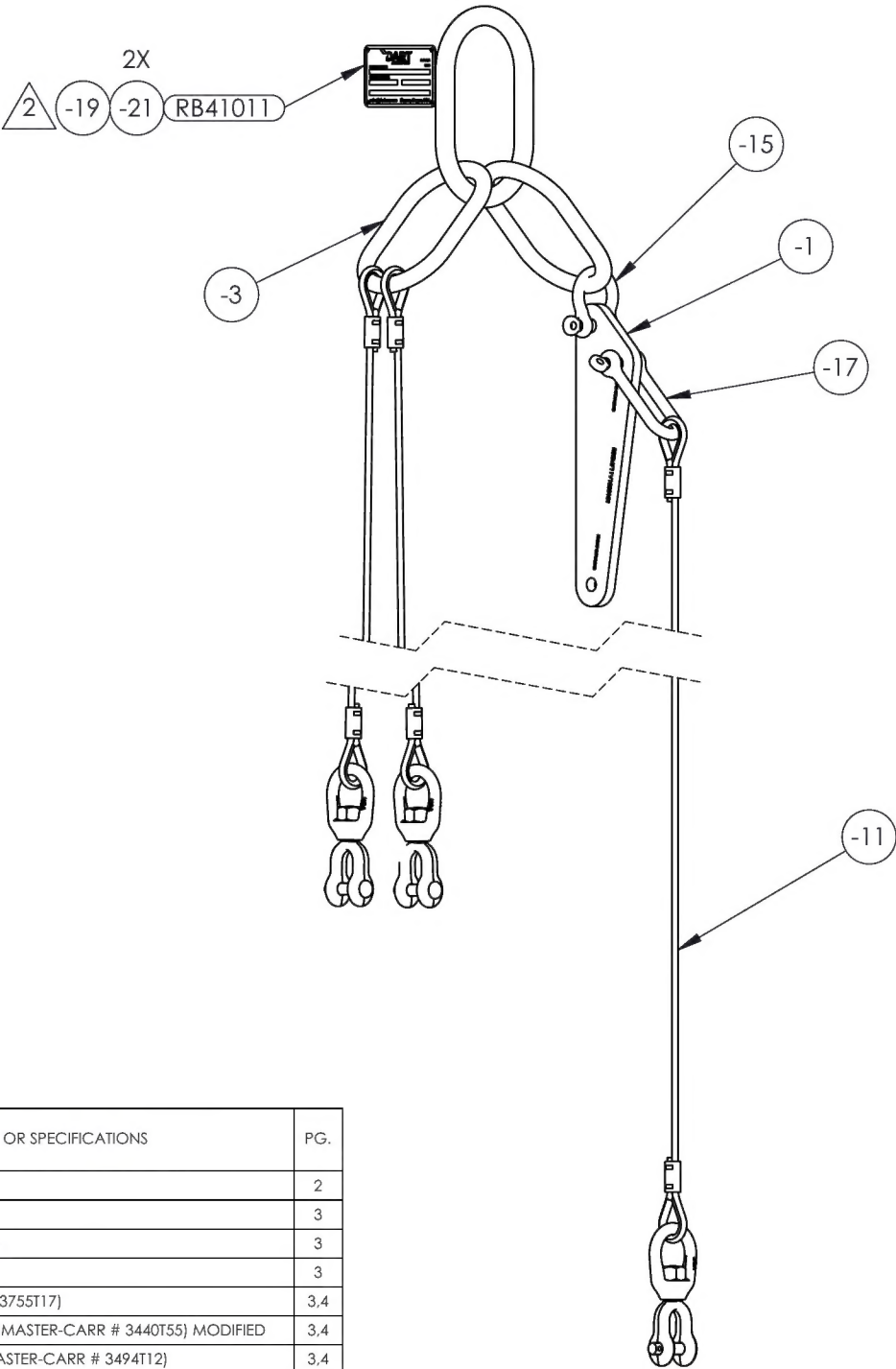



This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION	1/4/2016	SM	JAG
2	16-0073	-3 ADDED -8 & -10; -9 CH'D B/O WAS FLEXIBLE CABLE, IS Ø3/16, 6 x 19, 760 LBS CAPACITY; -11 ADDED -8 & -10; -13 CH'D B/O, WAS FLEXIBLE CABLE, IS Ø3/16, 6 x 19, 760 LBS CAPACITY; RB41011 CH'D NOTE WAS "SWL 190 LBS LOAD TESTED 475 LBS" IS "SWL 85 Kg (190 LBS.)".	7/13/2016	SM	JAG



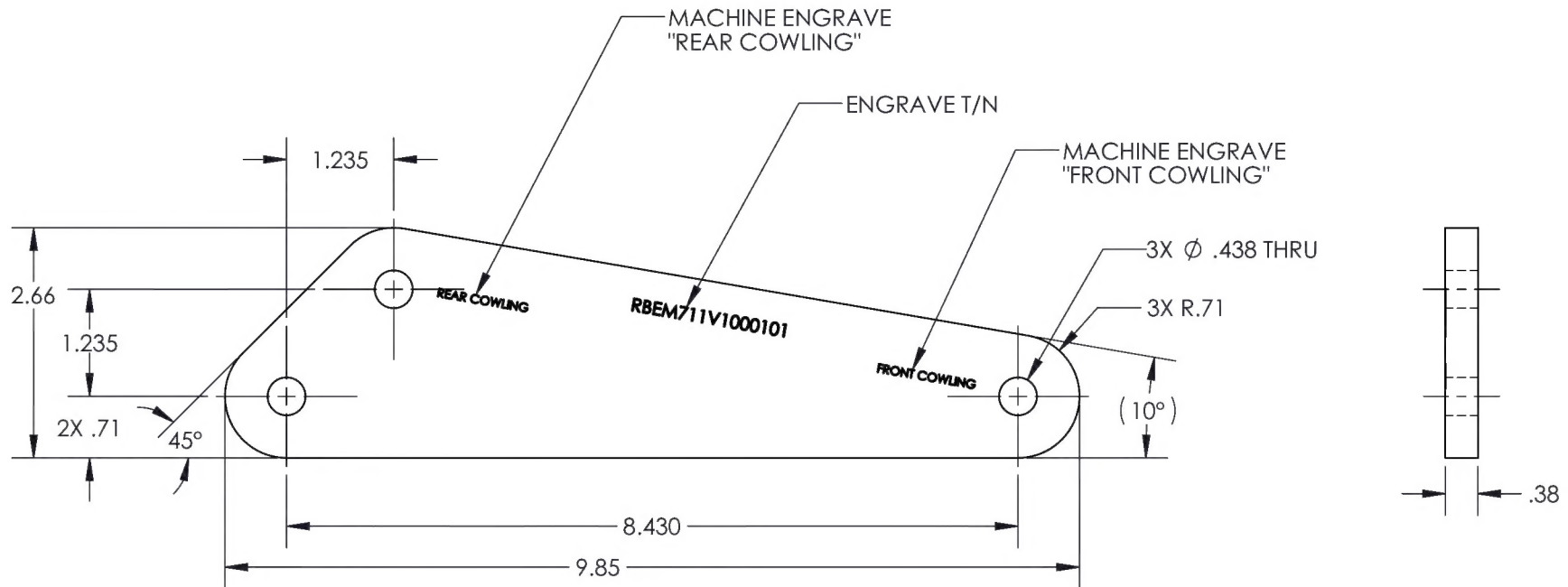
ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	COWLING PLATE	A36/1018/1020 HR		2
	X	B/O	-3	1	HOOP/CABLE ASSEMBLY		EUGENE EQUIPMENT	3
	1	B/O	-5		OBLONG LINK W/ COUPLING LINKS	STEEL	Ø5/8 (MCMASTER-CARR # 8948T12)	3
1	2	B/O	-7		JAW END SWIVEL	STEEL	CROSBY G-403 # 1016439	3
2	4	B/O	-8		SLEEVE	S.S.	3/16 ROPE X 1 (MCMASTER-CARR # 3755T17)	3,4
	2		-9		SHORT CABLE	STEEL	Ø3/16, 6x19, 760 LBS CAPACITY (MCMASTER-CARR # 3440T55) MODIFIED	3,4
2	4	B/O	-10		THIMBLE	STEEL	11/16 x 1-5/16, Ø3/16 CABLE (MCMASTER-CARR # 3494T12)	3,4
X		B/O	-11	1	LONG CABLE ASSEMBLY		EUGENE EQUIPMENT	4
1			-13		LONG CABLE	STEEL	Ø3/16, 6 x 19, 760 LBS CAPACITY (MCMASTER-CARR # 3440T55) MODIFIED	4
		B/O	-15	1	ANCHOR SHACKLE	S.S.	Ø 3/8 PIN (MCMASTER-CARR # 35355T26)	1
		B/O	-17	1	D-SHACKLE W/ ELONGATED BODY	S.S.	Ø 3/8 PIN (MCMASTER-CARR # 35685T55)	1
		B/O	-19	1	LANYARD	COATED STEEL	Ø1/16 X 8 (CARR LANE #CL2C)	1
		B/O	-21	2	FERRULE	ALUMINUM	Ø1/16 X 3/8 (MCMASTER-CARR #3896T31)	1
		B/O		1	DART PLACARD	ALUMINUM	RB41011	1
ASSY -11	ASSY -3							

- NOTES:
- REFERENCE AIRBUS T/N M711V1000101.
  - ATTACH RB41011 TO -5 WITH -19 AND -21.
  - LOAD TEST TO 475 LBS (215 Kg) BY APPLYING 158 LBS PER CABLE UPON COMPLETE ASSEMBLY.

			
TITLE			
COWLING SLING			REV 2
DWG NO.			REV
RBEM711V1000101			2
MAT'L		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH		.XXX ± .005 FRACTIONS ± 1/8	
SPEC		.XX ± .01 ANGLES ± 5°	
		.X ± .1 SURFACES = 125/✓	
DRAWN BY:		1. BREAK ALL SHARP EDGES 015 x 45° OR .015R	
CHECKED:		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR:		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR:		USED ON MODEL	
APPROVED:		AIRBUS H175	
SCALE		DATE	
1:6		10/14/2015	
SHEET 1 OF 4			

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL

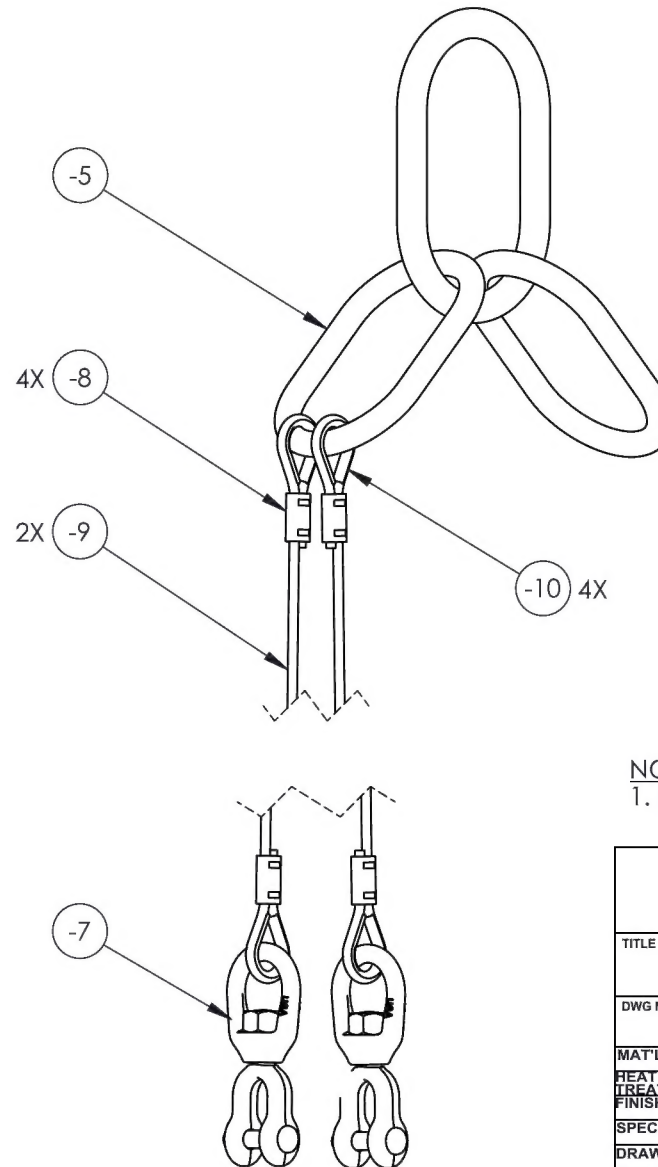
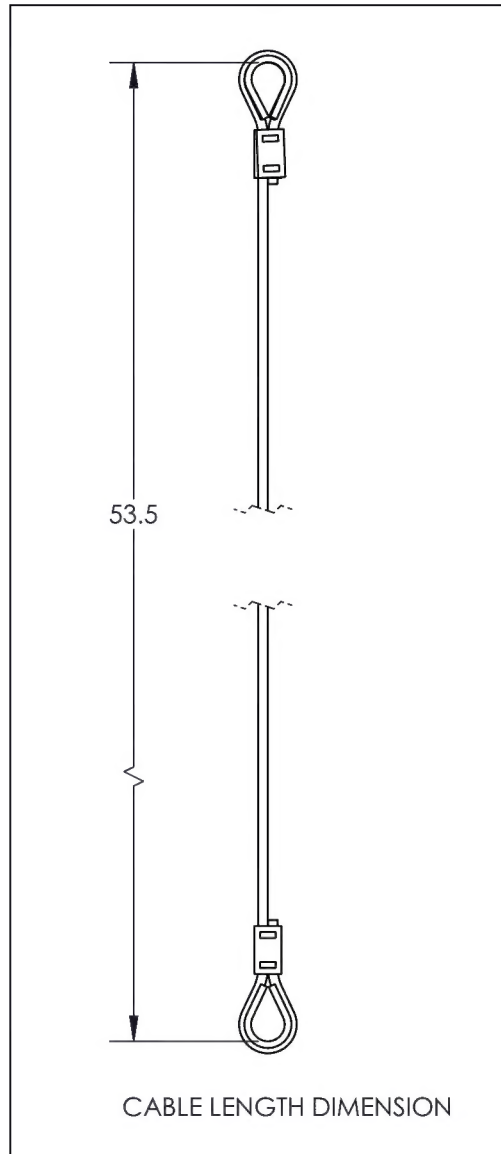


(-1)  
COWLING PLATE

<b>DART AEROSPACE</b>	
TITLE <b>COWLING SLING</b>	
DWG NO. <b>RBEM711V1000101-1</b>	REV <b>2</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX $\pm$ .010 FRACTIONS $\pm$ 1/8
SPEC ASTM B633 TYPE I SC 2	.XX $\pm$ .03 ANGLES $\pm$ 1°
DRAWN BY: MACKOVJAK	.X $\pm$ .1 SURFACES = 125
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:2	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 12/14/2015	USED ON MODEL
SHEET 2 OF 4	AIRBUS H175

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0073	-3 ADDED -8 & -10.	7/13/2016	SM	JAG



(-3)

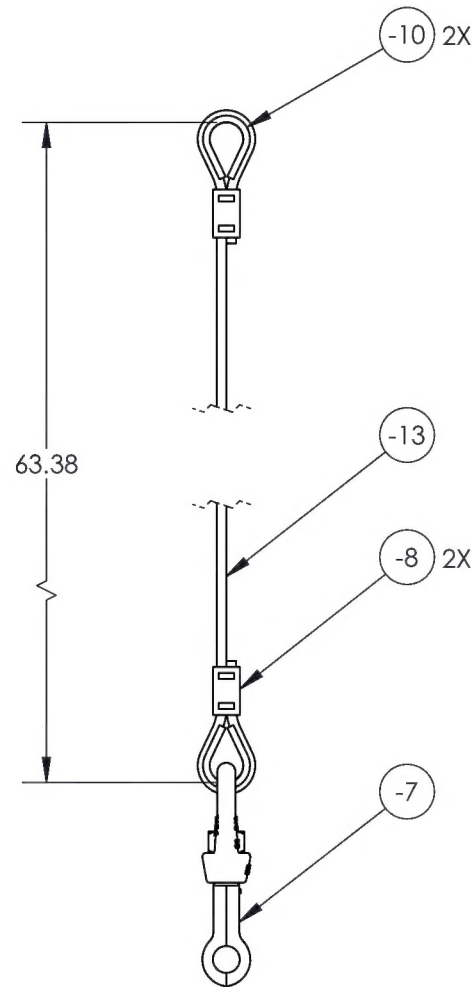
HOOP/CABLE ASSEMBLY

NOTES:  
1. SAFETY CERTIFICATE REQUIRED FOR SWL OF 100 LBS (45 Kg).

<b>DART</b> AEROSPACE	
TITLE <b>COWLING SLING</b>	
DWG NO. <b>RBEM711V1000101-3</b>	REV <b>2</b>
MAT'L FEAT TREAT FINISH	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125°
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: <b>MACKOVJAK</b>	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: <b>DUERFELDT</b>	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: <b>ANDERSON</b>	USED ON MODEL
QA APPR: <b>LINDSAY</b>	<b>AIRBUS H175</b>
APPROVED: <b>GILBERT</b>	
SCALE 1:4	DATE 12/14/2015
SHEET 3 OF 4	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0073	-11 ADDED -8 & -10	7/13/2016	SM	JAG



(-11)

LONG CABLE ASSEMBLY

NOTES:  
1. SAFETY CERTIFICATE REQUIRED FOR SWL OF 100 LBS (45 Kg).

<b>DART AEROSPACE</b>	
TITLE <b>COWLING SLING</b>	
DWG NO. <b>RBEM711V1000101-11</b>	REV <b>2</b>
MAT'L <b>STEEL</b>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TREAT <b>PHOSPHATE</b>	.XXX ± .010 FRACTIONS ± 1/8
FINISH <b>BLACK</b>	.XX ± .03 ANGLES ± 1°
SPEC <b>ASTM A193-88</b>	.X ± .1 SURFACES = 125/✓
DRAWN BY: <b>MACCOVJAK</b>	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: <b>DUERFELDT</b>	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: <b>ANDERSON</b>	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: <b>LINDSAY</b>	USED ON MODEL
APPROVED: <b>GILBERT</b>	<b>AIRBUS H175</b>
SCALE <b>1:4</b>	DATE <b>12/14/2015</b>
SHEET 4 OF 4	